

Report Created:
3/5/2021 9:56:18 AM

**Streamflow Forecast Summary: March 1, 2021
(averages based on 1981-2010 reference period)**

Salt	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Salt R nr Roosevelt ³	MAR			25	22%			114
	MAR-MAY	13.6	29	45	19%	65	105	240
Tonto Ck ab Gun Ck nr Roosevelt ³	MAR			2.8	18%			15.4
	MAR-MAY	0.16	1.42	3.5	16%	7	15.5	22

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 3) Median value used in place of average

Verde	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Verde R bl Tangle Ck ab Horseshoe Dam ³	MAR			12.5	21%			59
	MAR-MAY	4.1	15.6	30	28%	51	98	107

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 3) Median value used in place of average

San Francisco-Upper Gila	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gila R at Gila ³	MAR-MAY	5.6	9.5	13	38%	17.3	25	34
Gila R bl Blue Ck nr Virden ³	MAR-MAY	2.3	8.5	15	35%	23	39	43
San Francisco R at Glenwood ³	MAR-MAY	1.06	2.9	5	33%	7.8	13.7	15.2
San Francisco R at Clifton ³	MAR-MAY	1.31	6.8	13	34%	21	37	38
Gila R nr Solomon ³	MAR			14	37%			38
	MAR-MAY	2.1	12.7	25	28%	41	73	89
San Carlos Reservoir Inflow ³	MAR-MAY	0.53	3	10	19%	23	59	53

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 3) Median value used in place of average

Little Colorado	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Colorado R ab Lyman Lake ³	MAR-JUN	0.14	0.49	0.9	15%	1.5	2.8	6

Rio Nutria nr Ramah ³	MAR-MAY	0	0.05	0.2	18%	0.53	1.49	1.12
Zuni R ab Black Rock Reservoir ³	MAR-MAY	0	0	0.06	26%	0.41	1.98	0.23
Blue Ridge Reservoir Inflow ³	MAR-MAY	0.39	1.59	3.1	23%	5.5	10.7	13.5
Lake Mary Reservoir Inflow ³	MAR-MAY	0.15	0.49	0.9	31%	1.5	2.8	2.9

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Chuska-Defiance	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Captain Tom Wash nr Two Gray Hills	MAR-MAY	0.25	0.61	1	38%	1.53	2.6	2.6
Wheatfields Ck nr Wheatfields	MAR-MAY	0.15	0.52	0.9	43%	1.39	2.3	2.1
Bowl Canyon Ck ab Asaayi Lake	MAR-MAY	0.2	0.41	0.6	46%	0.82	1.21	1.3

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Grand Canyon	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Lake Powell Inflow ²	APR-JUL	1520	2450	3200	45%	4050	5490	7160

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Virgin	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Virgin R at Littlefield	APR-JUL	5.8	12.2	18.5	28%	27	42	65

1) 90% and 10% exceedance probabilities are actually 95% and 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average